

Certificate Under 37 C.F.R. § 3.73(b)

Applicants: Shahla Khorram Filing Date: Application No.: Entitled: PROGRAMMABLE MUTLISTAGE AMPLIFIER AND RADIO APPLICATIONS THEREOF a, California Corporation **Broadcom Corporation** (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: 1. [X] the assignee of the entire right, title, and interest, or an assignee of an undivided part interest in the patent application/patent identified above by virtue of either: An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame ____, or for which a copy thereof is attached. OR A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee B. [] as shown below: 1. From: To: The document was recorded in the Patent and Trademark Office at Reel _____, Frame ______, or for which a copy thereof is attached. To: 2. From: The document was recorded in the Patent and Trademark Office at Reel , Frame ____, or for which a copy thereof is attached. To: 3. From: The document was recorded in the Patent and Trademark Office at Reel ______, Frame ______, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [X] Copies of assignments or other documents in the chain of title are attached. **NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8] The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee. tebruary 8,2002 William J. Ruehle Vice President and Chief Financial Officer Title: Signature: